



National Weather Service

Storm Data and Unusual Weather Phenomena



August 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
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MICHIGAN, East

MIZ047>049-053>055-060>063-068>070-075>076-082>083 **Midland - Bay - Huron - Saginaw - Tuscola - Sanilac - Shiawassee - Genesee - Lapeer - St. Clair - Livingston - Oakland - Macomb - Washtenaw - Wayne - Lenawee - Monroe**

06	1200EST			1	200		Excessive Heat
09	2300EST						

A large high pressure ridge settled across the Great Lakes region during the first week of August. With this ridge in place, high temperatures soared well into the 90s across southeast Michigan. During this period, Flint broke 3 record highs, including a high of 98 on the 8th. Detroit also broke a record on the 8th when a high of 99 degrees was reached. In addition to the heat, humidity levels rose significantly during the time period. The high heat and humidity allowed daytime heat indices to exceed 100 degrees four days in a row. In fact, heat advisories were in effect for all of southeast Michigan for the afternoons and evenings of the 7th, 8th, and 9th. During this time period, heat indices ranged from 105 to 110 degrees.

The heat caused several people to seek emergency care for heat stroke and heat exhaustion. One fatality also occurred due to the heat when an Oak Park man was found suffering from severe heat exhaustion while locked in his car. Several hours later, he was pronounced dead at an area hospital. The hot weather only aggravated the dry conditions already in place across southeast Lower Michigan (see July for more details). This led to tremendous worries among area farmers that they may lose entire crops. Thousands of power outages also occurred throughout the region as demand surpassed supply. Several factory workers across the area were sent home from work to escape the extreme heat. Many of those who were not, however, threatened to walk off the job as a result of not having air conditioning in their factories. M50VE

Lapeer County **Attica**

07	1515EST			0	0		Thunderstorm Wind (G54)
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Several large tree branches were blown down.

A weak trough of low pressure interacted with very unstable air to create isolated thunderstorms across the region. One of which produced damaging wind gusts.

Huron County **2 W Port Austin**

08	1536EST			0	0		Thunderstorm Wind (G60)^M
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Power lines were blown down, leaving 2400 people without power.

Tuscola County **Cass City**

08	1640EST			0	0		Thunderstorm Wind (G50)
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Several large tree limbs were blown down

A few thunderstorms developed over northern Michigan and moved southeast across Saginaw Bay. These storms produced some damaging wind gusts as they moved into the thumb region.

Lenawee County **Morenci**

09	1235EST			0	0	150K	Lightning
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Lightning ignited a barn. The fire completely destroyed the barn and the contents inside it; including a truck, a tractor, a grain truck, a travel trailer, lawn mowers and tools. Firefighters managed to save the house next to the barn. The house sustained only minor damage.

Huron County **.5 E Harbor Beach**

19	1058EST			0	0		Waterspout
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Developed in Harbor Beach harbor.

Huron County **Harbor Beach**

19	1100EST	0.1	50	0	1	5K	Tornado (F0)
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					Killed	Injured	Property	Crops	

MICHIGAN, East

A waterspout moved onshore from Harbor Beach harbor. Once the waterspout made landfall, it become classified as a tornado. The tornado moved over the pier and went up a short hill near Water Street, then it dissipated. An elderly couple at an art fair attempted to hold onto belongings and were thrown to the ground with their belongings strewn on top of them. The elderly woman dislocated shoulder and broke an arm, requiring an overnight hospital stay. One tree was also knocked over and fell onto a van

Bay County

2 S Bay City

19 1110EST

0

0

Thunderstorm Wind (G50)

Several large limbs blown down.

Oakland County

Southfield

19 1310EST

0

0

Hail(1.00)

Oakland County

Troy

19 1315EST

0

0

10K

Lightning

Lightning struck the roof of an attached garage. Firefighters extinguished the fire and halted the spread into the main house.

Genesee County

5 S Davison

19 1630EST

0

0

Hail(0.75)

Lapeer County

North Branch

19 1635EST

0

0

Hail(0.75)

An upper level low pressure system moved across the southern Great Lakes region. The cold air aloft with this low created enough instability to trigger scattered thunderstorms, most of which produced hail. A shower over the relatively warm waters of Lake Huron produced a waterspout which moved onshore as a tornado.

Genesee County

Flint

28 1230EST

0

0

25K

Thunderstorm Wind (G60)

Several large trees and tree limbs were blown down. A flag pole was bent over and a pop-up camper parked in a driveway was blown over and destroyed.

Huron County

4 SW Port Austin

30 2155EST

0

0

Hail(0.75)